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- Aschenbrenner, T.: Registration of Immunofluorescence and Raman-Spectroscopic Images Using Information Measures, contributed talk, MPE Workshop on Medical Physics, Ringberg, Germany, October 2009.
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- Balaguera-Antolinez, A.: The REFLEXII galaxy cluster catalogue: power spectrum analysis, colloquium, Astrophysical Institute Potsdam, Potsdam, Germany, December 2009.
- Bartko, H.: A Warped Disk of Young Stars in the Galactic Center, colloquium, Astrophysics Colloquium, Charles University, Prague, Czech Republic, January 2009.
- Bartko, H.: Massive Young Stars in the Galactic Center, invited talk, Stars and Singularities The physics of dense cusps around massive black holes, Tel Aviv/Rehovot, Israel, December 2009.
- Bartko, H.: Young Stars in the GC, contributed talk, Galactic Center Workshop 2009, Shanghai, China, October 2009.
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- Becker, W.: Faszination Sternbilder, VHS Oberhaching, April 2009, public talk, Volkshochschule (VHS), Oberhaching, Germany, April 2009.
- Becker, W.: Faszination Weltraum, invited talk, MinTiff: Science meets fiction, Garching, Germany, July 2009.
- Becker, W.: Großteleskope für die Astrophysik, VHS Oberhaching, public talk, Volkshochschule (VHS) Oberhaching, Oberhaching, Germany, July 2009.
- Becker, W.: Pulsars in X, invited talk, Pulsars in their diversity, Marciana Marina, Elba, Italy, June 2009.
- Bender, R.: Black Holes, invited talk, Astronomisches Institut der Universität Innsbruck, Austria, March 2009.
- Bender, R.: Black Holes, invited talk, Galaxy Conference, Rome, Italy, April 2009.
- Bender, R.: Dark Energy and Dark Matter, invited talk, Max-Planck-Institut für Physik, Munich, Germany, February 2009.
- Bender, R.: Elliptical Galaxies, invited talk, Conference on Black Holes, Schloss Ringberg, Kreuth, Germany, June 2009.
- Bender, R.: KMOS, invited talk, Meeting at Schloss Ringberg, Kreuth, Germany, July 2009.
- Bender, R.: Schwarze Löcher, public talk, Akademie Vortrag in der LMU/USM, Munich, Germany, May 2009.
- Bernhardt, M.G.: Neutron Stars in the Braneworld, invited talk, MPE, Garching, Germany, April 2009.
- Böhringer (due to illness presented by M. Arnaud), H.: Galaxy Cluster Cosmology, invited talk, IXO Science Meeting, Boston, USA, January 2009.
- Böhringer, H.: An X-ray Survey of Galaxy Cluster Structure for Cosmological Studies, colloquium, Stanford University, USA, November 2009.
- Böhringer, H.: Astrophysics and Cosmology of Galaxy Clusters, invited talk, Excellence Cluster Science Day of Research Area E, Garching, Germany, November 2009.
- Böhringer, H.: Astrophysics and Cosmology of X-ray Galaxy Clusters, colloquium, ETH Zürich, Switzerland, March 2009.
- Böhringer, H.: Galaxy Cluster Astrophysics and Cosmology with IXO, invited talk, IXO Science Meeting, Otaru, Japan, July 2009.
- Böhringer, H.: Science with the Most Luminous Rosat Clusters, invited talk, APEX workshop, Bonn, Germany, July 2009.
- Böhringer, H.: Statistics of X-ray Clusters of Galaxies, colloquium, Seminar, IUB Bremen, Germany, March 2009.
- Boller, Th.: AGN Science: The Past, The Present, The Future, invited talk, The multifrequency behavior of high energy cosmic sources, Vulcano, Italy, May 2009.
- Boller, Th.: Anfang und Ende des Universums: Was mit uns geschehen wird, public talk, Tag der offenen Tür am MPE, Garching, Germany, October 2009.
- Boller, Th.: Die Zukunft des Universums, public talk, ACUTE Workshop, Novartis Pharma GmbH, Hohenkammer, Germany, April 2009.
- Boller, Th.: Supersoft AGN and their relation to Galactic Binaries, contributed talk, Supersoft X-ray Sources - New Developments, ESAC, Villafranca del Castillo, Spain, May 2009.
- Boller, Th.: The energy budget of the universe, public talk, Rotary Club Munich International, Munich, Germany, June 2009.

- Boller, Th.: The unusual spectral energy distribution of LBQS 0102-2713, colloquium, XMM SSC Consortium Meeting, Milano, Italy, October 2009.
- Boller, Th.: The unusual spectral energy distribution of the quasar LBQS 0102-2713, invited talk, MPA High Energy Seminar, Garching, Germany, February 2009.
- Bongiorno, A.: AGN studies with the COSMOS and zCOSMOS surveys, contributed talk, Excellence Cluster research area F (Black Holes) Science day, Munich, Germany, September 2009.
- Bongiorno, A.: Evolution of AGN seen through COSMOS, colloquium, Harvard-Smithsonian Center for Astrophysics (CfA), Cambridge, USA, February 2009.
- Bongiorno, A.: Evolution of AGN seen through COSMOS, colloquium, Instituto de Astronomia UNAM-Ensenada, Ensenada, Mexico, February 2009.
- Bongiorno, A.: Evolution of the BH-bulge scaling relation, contributed talk, COSMOS science meeting, Matsuyama, Japan, June 2009.
- Bongiorno, A.: Evolution of the BH-bulge scaling relation, contributed talk, zCOSMOS science meeting, Marseille, France, June 2009.
- Bongiorno, A.: On the evolution of the scaling relations between BHs and their Host galaxies, contributed talk, SPP Meeting, Bonn, Germany, May 2009.
- Bouché, N.: A SIMPLE survey of outflows, colloquium, Hebrew University, Jerusalem, Israel, June 2009.
- Bouché, N.: Étude des galaxies à faible masse, contributed talk, MUSE Workshop, Toulouse, France, March 2009.
- Bouché, N.: Gas accretion and scaling relations, colloquium, European Southern Observatory, Garching, Germany, September 2009.
- Bouché, N.: Gas accretion and scaling relations, contributed talk, Galaxy Formation Workshop, Santa Cruz, USA, August 2009.
- Bouché, N.: Gas accretion and scaling relations, invited talk, SFR@50: Filling the Cosmos with Stars, Spineto, Italy, July 2009.
- Bouché, N.: Mass accretion and scaling relations, contributed talk, Harvesting the Dessert: The Universe between Redshift 1 and 3, Marseille, France, June 2009.
- Bouché, N.: Scaling relations and cold flows, contributed talk, Hebrew University, Jerusalem, Israel, April 2009.
- Bouché, N.: Scaling relations and cold flows, colloquium, University of Tel Aviv, Tel Aviv, Israel, May 2009.
- Bouché, N.: Gas accretion and scaling relations, colloquium, UC Santa Barbara, Santa Barbara, US, January 2009.
- Bouché, N.: Scaling relations and gas accretion, contributed talk, zCosmos workshop, Garching, Germany, February 2009.
- Brandt, P.: Solid-solid phase transition in electrorheological complex plasmas, contributed talk, 12th Workshop on the Physics of Dusty Plasmas, Boulder, USA, May 2009.
- Brandt, P.: Solid-solid phase transitions in electro- and magnetorheological systems, contributed talk, 6. Workshop Angewandte Simulation in der Kristallzüchtung, Potsdam, Germany, April 2009.
- Brown, J.M.: Childhood to Adolescence: Dust and Gas Clearing in Protoplanetary Disks, colloquium, Astronomy Department Seminar, Uppsala Universitet, Sweden, April 2009.
- Brown, J.M.: Childhood to Adolescence: Dust and Gas Clearing in Protoplanetary Disks, colloquium, ISDC/Geneva Observatory, Geneva, Switzerland, April 2009.
- Brown, J.M.: Dust and gas clearing in protoplanetary disks, contributed talk, From circumstellar disks to planetary systems, Garching, Germany, November 2009.
- Brown, J.M.: Tracing the dust and gas in transitional disks, contributed talk, IAU General Assembly - IR and sub-mm spectroscopy special session: a new tool for studying stellar evolution, Rio de Janeiro, Brazil, August 2009.
- Brusa, M.: AGN evolution from large area and deep X-ray surveys, colloquium, INAF - Osservatorio Astronomico di Trieste, Italy, May 2009.
- Brusa, M.: AGN evolution from large area and deep X-ray surveys, colloquium, INAF - Osservatorio Astronomico di Firenze, Italy, June 2009.
- Brusa, M.: AGN evolution from large area and deep X-ray surveys, colloquium, INAF - Osservatorio Astronomico di Bologna, Italy, May 2009.
- Brusa, M.: AGN evolution from large area and deep X-ray surveys, invited talk, Co-evolution of Central Black Holes and Galaxies (IAU S267), Rio de Janeiro, Brazil, August 2009.
- Brusa, M.: Evolution and Identification of (high-redshifts) AGN, invited talk, FXT meeting of the Italian community, Bologna, Italy, November 2009.
- Brusa, M.: obscured and unobscured AGN in COSMOS, contributed talk, COSMOS meeting, Matsuyama, Japan, June 2009.
- Brusa, M.: Star formation and AGN activity in the CDFS, colloquium, Harvard Smithsonian Center for Astrophysics, Cambridge, USA, January 2009.
- Bunk, W.: Decomposition of Raman-Spectra for the (Re) construction of Multicolor IF-Images of Cells, contributed talk, MPE Workshop on Medical Physics, Ringberg, Germany, October 2009.
- Bunk, W.: Description of Skin Wounds Using an Image Analysis Approach, contributed talk, MPE Workshop on Medical Physics, Ringberg, Germany, October 2009.
- Bunk, W.: Identification of Pathological EEG Patterns Using Symbolic Representations, contributed talk, MPE Workshop on Medical Physics, Ringberg, Germany, October 2009.

- Burwitz, V.: The X-ray bright states in the SSS X-ray source RXJ0513.9-6951, contributed talk, Supersoft X-ray Sources - New Developments, ESAC, Spain, May 2009.
- Burwitz, V.: Update on the White Dwarf calibration observations of the WDs HZ 43, Sirius B, and GD153, contributed talk, International Astronomical Consortium for High Energy Calibration (IACHEC) #4, Shonan Village, Japan, April 2009.
- Cappelluti, N.: AGN as tracers of the Large scale structure: the golden contribution of Chandra, contributed talk, Chandra's First Decade of Discovery, Boston, USA, September 2009.
- Cappelluti, N.: eROSITA all-sky survey, colloquium, INAF-IASF Bologna, Italy, July 2009.
- Cappelluti, N.: eROSITA all-sky survey, colloquium, MIT, Boston, USA, September 2009.
- Cappelluti, N.: eROSITA all-sky survey, colloquium, Stanford University/KIPAC, Palo Alto, USA, February 2009.
- Cappelluti, N.: eROSITA all-sky survey, colloquium, UNAM-Ensenada, Ensenada, Mexico, February 2009.
- Cappelluti, N.: eROSITA all-sky survey, colloquium, University of California San Diego, USA, February 2009.
- Cappelluti, N.: eROSITA all-sky survey, invited talk, Wide Field X-ray Telescope meeting, Bologna, Italy, September 2009.
- Cappelluti, N.: The eROSITA all sky survey, colloquium, Goddard Space Flight Center, Greenbelt, USA, January 2009.
- Chaudhuri, M.: Electric potential and ion drag force in highly collisional complex plasmas, contributed talk, 12th Workshop on the Physics of Dusty Plasmas, Boulder, USA, May 2009.
- Chaudhuri, M.: First observation of (probable) standing shock in afterglow Complex Plasma under microgravity condition onboard the ISS, contributed talk, 10th Workshop on Fine Particle Plasma, Toki, Japan, November 2009.
- Chaudhuri, M.: Helical structures in complex plasmas with PK-4, contributed talk, PK-3 Plus Symposium 2009 + ITT-Meeting, Garching, Germany, October 2009.
- Chaudhuri, M.: Ionization controlled interaction potential between positively charged particles in collisional plasmas, contributed talk, Workshop at Yokohama University, Japan, November 2009.
- Chaudhuri, M.: Some recent results on Complex Plasma research under microgravity condition, contributed talk, The Dynamics Days Europe 2009, Göttingen, Germany, August 2009.
- Cocato, L.: Kinematic properties of early type galaxy halos using Planetary Nebulae as kinematic tracers, contributed talk, Seminar at the Dipartimento di Astronomia Universita' degli Studi di Padova, Padova, Italy, November 2009.
- Cocato, L.: Kinematical properties of elliptical galaxies using Planetary Nebulae, contributed talk, IAU XXVII General Assembly, JD1, Rio de Janeiro, Brazil, August 2009.
- Cocato, L.: Stellar population and kinematics in the outer halo of the BCG galaxy NGC 4889, contributed talk, IAU XXVII General Assembly, JD2, Rio de Janeiro, Brazil, August 2009.
- Couëdel, L.: Electron temperature measurement in a complex plasma, contributed talk, 8th Japan-Australia Plasma Diagnostics Workshop, Murrumarang, Australia, February 2010.
- Couëdel, L.: First direct measurement of optical phonons in 2D plasma crystals, contributed talk, 10th Workshop on Fine Particle Plasmas, National Institute for Fusion Science, Toki, Japan, November 2009.
- Cresci, G.: AMAZE with LSD: mass and metallicity evolution at $z > 3$, contributed talk, SINS/zCosmos meeting, Venice, Italy, October 2009.
- Cresci, G.: Galaxy formation and evolution in unprecedented detail, colloquium, Osservatorio Astrofisico di Arcetri, Florence, Italy, April 2009.
- Cresci, G.: The dynamics of $z \sim 2$ star forming galaxies in SINS, contributed talk, SFR@50 conference, Spineto, Italy, July 2009.
- Cresci, G.: The SINS survey, colloquium, Pontificia Universidad Católica, Santiago, Chile, January 2009.
- Cresci, G.: Witnessing galaxy formation and evolution at $z > 2$ with SINFONI, colloquium, INAF - Osservatorio di Padova, Italy, October 2009.
- Davies, R.I.: Exploring the Starburst-AGN connection on 10pc Scales, colloquium, Joint Astronomy Colloquium (MPE, MPA, ESO, USM), Munich, Germany, January 2009.
- Davies, R.I.: Laser Guide Stars past, present, and future, invited talk, Astronomical science group of Ireland, Galway, Ireland, October 2009.
- Davies, R.I.: MICADO and MAORY: Science with MCAO on the E-ELT, invited talk, MAD and Beyond: science with multi-conjugate adaptive optics instruments, Munich, Germany, June 2009.
- Davies, R.I.: MICADO: Multi-AO Imaging Camera for Deep Observations, invited talk, E-ELT Instrumentation at Phase A mid-term, Munich, Germany, February 2009.
- Davies, R.I.: MICADO: science and adaptive optics requirements, contributed talk, Adaptive Optics for Extremely Large Telescopes, Paris, France, June 2009.
- Davies, R.I.: MICADO: the E-ELT Adaptive Optics Imaging Camera, colloquium, Durham University, UK, December 2009.
- Davies, R.I.: MICADO: the E-ELT adaptive optics imaging camera, invited talk, Scientific and technological challenges in the development of astronomical instrumentation: ALMA and E-ELT, Madrid, Spain, September 2009.

- Davies, R.I.: MICADO: the E-ELT adaptive optics imaging camera, invited talk, The E-ELT: Status, timeline, and instrumentation, Potsdam, Germany, September 2009.
- Davies, R.I.: Precision Astrometry with MICADO, contributed talk, E-ELT Design Reference Mission and Science Plan Workshop 2009, Munich, Germany, May 2009.
- Davies, R.I.: The Impact of Nuclear Star Formation on Gas Inflow to AGN, colloquium, Durham, UK, December 2009.
- Davies, R.I.: The Impact of Nuclear Star Formation on Gas Inflow to AGN, contributed talk, Physics of Galactic Nuclei, Ringberg, Germany, June 2009.
- Davies, R.I.: The Impact of Nuclear Star Formation on Gas Inflow to AGN, invited talk, Evolution of Galaxies and Central Black Holes: Feeding and Feedback, Rio de Janeiro, Brazil, August 2009.
- De Vita, G.: 64-Channel ASTEROID ASIC: Experimental Performance and Measurements with Macro Pixel Arrays for X-Ray Astronomy, contributed talk, IEEE Nuclear Science Symposium and Medical Imaging Conference, Orlando, USA, October 2009.
- De Vita, G.: Experimental results on Asteroid and Vela: two 64 channel ASICs for the readout of DEPFET arrays for X-ray astronomy, contributed talk, 11th European Symposium on Semiconductor Detectors, Wildbad Kreuth, Germany, June 2009.
- Dennerl, K.: High Resolution X-ray Spectroscopy of Comets with XMM-Newton/RGS, invited talk, High Resolution X-ray Spectroscopy: Towards IXO, MSSL, UK, March 2009.
- Dennerl, K.: Kometen und Planeten in neuem Licht: unser Sonnensystem im Röntgenteleskop, public talk, Sternwarte Regensburg und Hochschule Regensburg, Germany, February 2009.
- Dennerl, K.: Kometen und Planeten in neuem Licht: unser Sonnensystem im Röntgenteleskop, public talk, Volksternwarte München, Germany, December 2009.
- Dennerl, K.: X-ray Emission of Comets and Planets, colloquium, Observatoire Astronomique de Strasbourg, France, November 2009.
- Diehl, R.: Abundances of ^{44}Ti and related isotopes, contributed talk, Int. Science Workshop on Origins of ^{44}Ti , "Universe" Cluster of Excellence, Garching, Germany, January 2009.
- Diehl, R.: Conference Summary, invited talk, INTEGRAL Science Workshop "The Extreme Universe", Otranto, Italy, October 2009.
- Diehl, R.: Gamma-Ray Line Astrophysics, invited talk, Argonne Natnl Lab Collaboration Workshop, "Universe" Cluster of Excellence, Garching, Germany, May 2009.
- Diehl, R.: Gamma-Ray Signatures from Radioactive Isotopes, invited talk, Int. Heraeus Seminar "Nucleosynthesis", Bad Honnef, Germany, June 2009.
- Diehl, R.: Hochenergie-Astrophysik mit Satellitenteleskopen, invited talk, International Astronautics Regional Workshop, Darmstadt, Germany, April 2009.
- Diehl, R.: How to Exploit Nuclear Properties for Astrophysics, invited talk, VISTARS Nuclear Astrophysics Winter School, Russbach, Austria, March 2009.
- Diehl, R.: Nucleosynthese: Die Erzeugung der kosmischen Vielfalt der Elemente, colloquium, Physikalisches Kolloquium, Schiller Universität Jena, Germany, December 2009.
- Diehl, R.: SNIa Issues and MeV Observations, invited talk, Int. "Next-Generation Gamma-Ray Telescope" Workshop, Garching, Germany, October 2009.
- Diehl, R.: Sources of ^{44}Ti , contributed talk, Int. Science Workshop on Origins of ^{44}Ti , "Universe" Cluster of Excellence, Garching, Germany, January 2009.
- Diehl, R.: Verändert die Astrophysik unsere Weltsicht?, public talk, Jubiläumsveranstaltung "20 Jahre OZON Wissenschaftsmagazin" des RBB, Gollmitz, Germany, September 2009.
- Dodds-Eden, K.: Flares from Sgr A* and their emission mechanism, contributed talk, Galactic Center Workshop 2009, Shanghai, China, October 2009.
- Dodds-Eden, K.: Flares from Sgr A*, invited talk, Stars and Singularities: The physics of dense cusps around massive black holes, Rehovot, Israel, December 2009.
- Eisenhauer, F.: Galactic Science with ESO Adaptive Optics, invited talk, 20 Years of Adaptive Optics at ESO, Garching, Germany, November 2009.
- Eisenhauer, F.: Probing the Galactic Center with GRAVITY, invited talk, Stars and Singularities – The physics of dense cusps around massive black holes, Rehovot, Israel, December 2009.
- Eisenhauer, F.: The Galactic Center: The Ideal Laboratory for Studying Supermassive Black Holes, invited talk, Relativity in Fundamental Astronomy: Dynamics, Reference Frames, and Data Analysis, IAU Symposium 261, Virginia Beach, USA, April 2009.
- Erwin, P.: Composite Bulges: The Coexistence of Classical Bulges and Pseudobulges, colloquium, Caltech, Pasadena, California, USA, January 2009.
- Erwin, P.: Do Nuclear Star Clusters and Supermassive Black Holes Follow the Same Host-Galaxy Correlations?, contributed talk, Hunting for the Dark: The Hidden Side of Galaxy Formation, Bugibba, Malta, October 2009.
- Erwin, P.: The Coexistence of Classical Bulges, Pseudobulges, and Supermassive Black Holes, contributed talk, The Monster's Fiery Breath: Feedback in Galaxies, Groups, and Clusters, Madison, Wisconsin, USA, June 2009.
- Erwin, P.: The Dependence of Bar Fraction on Galaxy Properties, contributed talk, American Astronomical Society Meeting, Pasadena, California, USA, June 2009.
- Fabricius, M.: Kinematics across bulge types, contribut-

- ed talk, Astronomische Gesellschaft - Herbsttagung 2009, Potsdam, Germany, September 2009.
- Fassbender, R.: Distant X-ray Clusters from the XMM-Newton Distant Cluster Project, contributed talk, SZ 2009: A Multiwavelength Look at Galaxy Clusters, Bonn, Germany, July 2009.
- Fassbender, R.: New high-z X-ray Clusters from the XMM-Newton Distant Cluster Project, contributed talk, ESO Conference on Galaxy Clusters in the Early Universe, Puccon, Chile, November 2009.
- Fedl, V.: Development of infrared BIB detectors with integrated linear amplification, contributed talk, SPIE optics & photonics, San Diego, USA, August 2009.
- Fedl, V.: The clear mechanism of the DEPFET under cryogenic conditions, contributed talk, 11th European Symposium on Semiconductor Detectors, Wildbad Kreuth, Germany, June 2009.
- Fink, M.: PK-4 Science activities in micro-gravity, contributed talk, European Low Gravity Research Association Biennial Symposium and General Assembly, Bonn, Germany, September 2009.
- Förster Schreiber, N.M.: Galaxy Dynamics and Morphologies, invited talk, Harvesting the Desert - The Universe between redshift 1 and 3, Marseille, France, June 2009.
- Förster Schreiber, N.M.: Insights on early galaxy growth from spatially-resolved dynamics and physical properties of $z \sim 2$ star-forming galaxies, invited talk, Conference of the Accademia Nazionale dei Lincei on Galaxy Properties across Cosmic Ages, Rome, Italy, April 2009.
- Förster Schreiber, N.M.: Resolving the Dynamics and Physical Properties of $z \sim 2$ Galaxies, colloquium, Dept. of Molecular and Infrared Astrophysics, CSIC Madrid, Spain, October 2009.
- Förster Schreiber, N.M.: Resolving the Dynamics and Physical Properties of $z \sim 2$ Galaxies, colloquium, Institute of Astronomy, ETH Zürich, Switzerland, February 2009.
- Förster Schreiber, N.M.: SEDs, invited talk, Workshop: Deep IR Studies of the Distant Universe, Leiden, The Netherlands, February 2009.
- Förster Schreiber, N.M.: SINS and beyond, invited talk, Workshop: Evolution of galaxies from mass-selected samples, Leiden, The Netherlands, November 2009.
- Förster Schreiber, N.M.: SINS, invited talk, Workshop: Deep IR Studies of the Distant Universe, Leiden, The Netherlands, February 2009.
- Förster Schreiber, N.M.: The SINS survey, invited talk, Conference: Unveiling the Mass - Extracting and Interpreting Galaxy Masses, Kingston, Canada, June 2009.
- Förster Schreiber, N.M.: The SINS survey: Insights on the early evolution of galaxies and future prospects with ELTs, contributed talk, Conference: ALMA and ELTs: A Deeper, Finer View of the Universe, Garching, Germany, March 2009.
- Förster Schreiber, N.M.: The SINS survey: resolved galaxy kinematics at $z \sim 2$, colloquium, Institute of Astronomy, Cambridge, UK, April 2009.
- Gaibler, V.: Magnetic fields in large scale jets, contributed talk, Physics of Galactic Nuclei, Ringberg castle, Germany, June 2009.
- Gaibler, V.: Numerical Models for Emission Line Nebulae in High Redshift Radio Galaxies, invited talk, High Performance Computing in Science & Engineering 2009: The 12th Results and Review Workshop of the HLRS, Stuttgart, Germany, October 2009.
- Gaibler, V.: The interaction of jets with galactic gas disks, contributed talk, Powerful Radio Galaxies: Triggering and Feedback, Leiden, The Netherlands, November 2009.
- Genel, S.: The formation of star-forming galaxies at $z \sim 2$: mergers, accretion and feedback, contributed talk, Astrophysics Seminar at the Weizmann Institute, Rehovot, Israel, December 2009.
- Genel, S.: The growth of dark matter halos and implications for galaxy formation, colloquium, Cosmology Seminar at UC Berkeley, USA, July 2009.
- Genzel, R.: Black Holes and Galaxies, invited talk, ASA IYA Lecture Series, University of Perth, Australia, July 2009.
- Genzel, R.: Black Holes and Galaxies, invited talk, IYA Lecture Series, Astronomical Society of Australia (ASA), Canberra, Australia, July 2009.
- Genzel, R.: Cold Gas and KS-Relation at $z > 1$, colloquium, University of California, Berkeley, USA, February 2009.
- Genzel, R.: Extragalactic Science with AO, invited talk, '20 Years of Adaptive Optics' Anniversary at ESO, Garching, Germany, November 2009.
- Genzel, R.: Galactic Centre physics (Milky Way), invited talk, AGN Workshop, Ringberg, Germany, June 2009.
- Genzel, R.: IRAM's Future, Concluding Remarks at IRAM 30 Symposium, invited talk, International Conference '30 years of IRAM - To the Edge of the Universe', Grenoble, France, September 2009.
- Genzel, R.: Kinematic Properties of $z \sim 1-2$ Massive Star Forming Galaxies, invited talk, Santa Cruz Galaxy Workshop, Santa Cruz, USA, August 2009.
- Genzel, R.: Kinematics and evolution of gas-rich, massive galaxy formation, invited talk, Workshop 'The Gaseous Evolution of Galaxies', Ringberg, Germany, November 2009.
- Genzel, R.: Kinematics and Evolution of Massive High- z Galaxies, colloquium, California Institute of Technology, Pasadena, USA, October 2009.
- Genzel, R.: Massive Black Holes and Galaxies, invited talk, Israel Physical Society, Bar-Ilan University, Ramat-Gan, Israel, December 2009.
- Genzel, R.: Massive Black Holes and Galaxies, invited talk, Physikalisches Institut, Universität Bonn, Germany, January 2009.
- Genzel, R.: Massive Black Holes and Galaxies, invited

- talk, Svein Rosseland Lecture, University of Oslo, Norway, March 2009.
- Genzel, R.: Massive Schwarze Löcher und Galaxien, colloquium, MPI f. Gravitationsphysik/Albert-Einstein-Institut (AEI), Hannover, Germany, November 2009.
- Genzel, R.: Massive Schwarze Löcher und Galaxien, invited talk, Akademie von Nordrheinwestfalen, Düsseldorf, Germany, November 2009.
- Genzel, R.: Massive Schwarze Löcher und Galaxien, invited talk, Akademische Jahresfeier, Fakultät für Physik und Astronomie, Universität Würzburg, Germany, December 2009.
- Genzel, R.: Massive Schwarze Löcher und Galaxien, colloquium, Bayerische Akademie der Wissenschaften, Munich, Germany, October 2009.
- Genzel, R.: Massive Schwarze Löcher und Galaxien, colloquium, Universität Mainz, Germany, November 2009.
- Genzel, R.: Massive Schwarze Löcher, invited talk, Präsentation für den MPG-Senat, Ludwigshafen, Germany, March 2009.
- Genzel, R.: New Results on the stellar cluster in the immediate vicinity of the massive black hole in the Galactic Center, colloquium, University of California, Berkeley, USA, August 2009.
- Genzel, R.: Progress in Studying internal Kinematics of High-z Galaxies, invited talk, SINS-LP Workshop, Venice, Italy, October 2009.
- Genzel, R.: Report from the Abyss: Massive Black Holes, invited talk, UNESCO Opening Ceremony of the International Year of Astronomy, Paris, France, January 2009.
- Genzel, R.: Secular Evolution of Massive Galaxies at $z \sim 2$, colloquium, Stanford University, USA, February 2009.
- Genzel, R.: Secular Galaxy Evolution and Bulge Formation at $z \sim 2$, contributed talk, Conference 'Open Problems in Galaxy Formation', Potsdam, Germany, May 2009.
- Genzel, R.: Spatially resolved dynamics of high-z star forming galaxies, colloquium, Jet Propulsion Laboratory (JPL), Burbank, USA, January 2009.
- Genzel, R.: Status and Open Questions of High-z Galaxy Kinematics, invited talk, SINS-LP Workshop, Munich, Germany, February 2009.
- Genzel, R.: The Massive Black Hole and Nuclear Star Cluster of the Milky Way, invited talk, International Year of Astronomy the Spanish & Royal Academy of Sciences and the Ramon Areces Foundation, Madrid, Spain, October 2009.
- Genzel, R.: The Galactic Massive Black Hole: Recent Results, invited talk, Conference 'Stars and Singularities - The Physics of Dense Cusps around Massive Black Holes', Rehovot, Israel, December 2009.
- Genzel, R.: The Supermassive Black Hole and Nuclear Star Cluster of the Milky Way, invited talk, Australia Telescope National Facility, Sydney, Australia, July 2009.
- Genzel, R.: The Supermassive Black Hole and Nuclear Star Cluster of the Milky Way, invited talk, IYA Lectures, University of Melbourne, Australia, July 2009.
- Genzel, R.: $Z \sim 2$ Galaxy disks, invited talk, 2009 Napa Meeting, Berkeley, USA, February 2009.
- Genzel, R.: LIRGS to Submm Galaxies – Evolution with Redshift, invited talk, Spitzer Science Conference 'Reionization to Exoplanets: Spitzer's Growing Legacy', Pasadena, USA, October 2009.
- Gerhard, O.E.: Dark matter and elliptical galaxy dynamics, invited talk, Joint Discussion 1 Dark matter in early-type galaxies, General Assembly of the IAU, Rio de Janeiro, Brazil, August 2009.
- Gerhard, O.E.: Dynamics of cluster cores from planetary nebula velocities, invited talk, Joint Discussion 2 Diffuse light in galaxy clusters, General Assembly of the IAU, Rio de Janeiro, Brazil, August 2009.
- Gerhard, O.E.: Dynamics of elliptical galaxies at large radii, invited talk, The Local Volume: constraints on galaxy formation and evolution, JENAM 2009, University Hertfordshire, UK, April 2009.
- Gerhard, O.E.: Dynamics of elliptical galaxy halos, invited talk, Convegno Internazionale Galaxy properties across cosmic ages, Academia Nazionale dei Lincei, Rom, Italy, April 2009.
- Gerhard, O.E.: Made-to-measure modelling of the Milky Way, invited talk, Joint Discussion 5, Modelling the Milky Way in the era of Gaia, General Assembly of the IAU, Rio de Janeiro, Brazil, August 2009.
- Gerhard, O.E.: NMAGIC made-to-measure modelling of elliptical galaxies, contributed talk, Unveiling the mass, Kingston, Canada, June 2009.
- Gerhard, O.E.: The stellar population in the outer halo of the BCG elliptical galaxy NGC 4889, contributed talk, Hunting the dark: the hidden side of galaxy formation, Malta, October 2009.
- Gerhard, O.E.: What made-to-measure can do for the Milky Way, invited talk, Lorentz Center workshop on Distribution of mass in the Milky Way galaxy, Leiden, The Netherlands, July 2009.
- Gillessen, S.: Chasing a Black Hole in the Infrared, invited talk, infra R&D 2009, Fulda, Germany, June 2009.
- Gillessen, S.: Der verlorene Planet - Pluto, public talk, Planetarium, Hamburg, Germany, June 2009.
- Gillessen, S.: Gamma-Astronomie am Gamsberg, public talk, VDI München, Germany, November 2009.
- Gillessen, S.: Jagd auf ein Schwarzes Loch - eine Nacht am VLT, public talk, Planetarium am Insulaner, Berlin, Germany, March 2009.
- Gillessen, S.: Schwarze Löcher - Science Fiction der Realität, public talk, Volkssternwarte, Winzer, Germany, June 2009.
- Gillessen, S.: Schwarze Löcher - Science Fiction oder Realität, public talk, Volkssternwarte, Neumarkt, Germany, November 2009.

- Gillessen, S.: Schwarze Löcher - Science Fiction oder Realität?, public talk, Pfaffenhofen, Germany, February 2009.
- Gillessen, S.: Schwarze Löcher - Science Fiction oder Realität?, public talk, Astronomiestiftung, Trebur, Germany, December 2009.
- Gillessen, S.: Schwarze Löcher - Science Fiction oder Realität?, public talk, MPG Jahrestagung, Mainz, Germany, June 2009.
- Gillessen, S.: Schwarze Löcher - Science Fiction oder Realität?, public talk, MPG-Jahrestagung, Bad Sobernheim, Germany, June 2009.
- Gillessen, S.: Schwarze Löcher - Science Fiction oder Realität?, public talk, Schule, Straubing, Germany, March 2009.
- Gillessen, S.: Schwarze Löcher - Science Fiction oder Realität?, public talk, Tag der offenen Tür, Garching, Germany, October 2009.
- Gillessen, S.: The Power of Monitoring Stellar Orbits, invited talk, Stars & Singularities, Tel Aviv, Israel, December 2009.
- Gillessen, S.: The Power of Monitoring Stellar Orbits, invited talk, Galactic Center Workshop, Shanghai, China, October 2009.
- Giodini, S.: Baryons in Galaxy Groups and Clusters: a Tale of Cosmology and Galaxy Formation, colloquium, Leiden Observatory, Leiden, The Netherlands, November 2009.
- Giodini, S.: Stellar and Total Baryon Mass Fractions in Groups and Clusters since Redshift 1, invited talk, CalTECH, Pasadena, California, USA, January 2009.
- Giodini, S.: Stellar and Total Baryon Mass Fractions in Groups and Clusters since Redshift 1, contributed talk, COSMOS meeting, Matsuyama, Japan, June 2009.
- Greiner, J.: Beyond the Swift/INTEGRAL and Fermi/LAT era: GRBs at the extreme, invited talk, 'Joint Gamma-Ray Mission Meeting 2009', ISAS/Tokio, Japan, March 2009.
- Greiner, J.: Gamma-Ray Bursts and resonance absorption lines, contributed talk, Workshop 'Towards new MeV astronomy capabilities', Garching, Germany, October 2009.
- Greiner, J.: GRBs - the phenomenon, and recent new discoveries, colloquium, INOAE, Tonantzintla, Mexico, November 2009.
- Greiner, J.: GRIPS capabilities to measure GRB polarization above 200 keV, contributed talk, 'The coming age of X-ray polarimetry', Rome, Italy, April 2009.
- Greiner, J.: GROND follow-up observations of high-energy transients, invited talk, 6th AGILE Science workshop, Milano, Italy, April 2009.
- Greiner, J.: GROND: the concept and potential SVOM follow-up, contributed talk, Workshop on GRBs, Marseille, France, May 2009.
- Greiner, J.: Neue Entdeckungen mit Fermi, colloquium, Universität Mainz, Germany, December 2009.
- Greiner, J.: Observations of GRB 080916C, colloquium, High-energy seminar, MPA-Garching, Germany, March 2009.
- Greiner, J.: On the relation between supersoft X-ray sources and VY Scl stars: The cases of V504 Cen and VY Scl, contributed talk, Workshop on 'Supersoft X-ray sources', Villafranca, Spain, May 2009.
- Greiner, J.: Swift discoveries on long-duration GRBs, invited talk, '5 yrs of Swift', State College, USA, November 2009.
- Haberl, F.: Exploring the Surface of Isolated Neutron Stars with XMM-Newton, invited talk, XMM-Newton 10th Anniversary, Villafranca del Castillo, Madrid, Spain, December 2009.
- Haberl, F.: Observations of Isolated Cooling Neutron Stars, invited talk, Nuclear Matter at High Density, International Workshop XXVII on Gross Properties of Nuclei and Nuclear Excitations, Hirschegg, Austria, January 2009.
- Haberl, F.: X-ray spectroscopy of SN(R) 1987A with the XMM-Newton (and Chandra) grating spectrometers, invited talk, High Resolution X-ray spectroscopy Workshop, University College London, UK, March 2009.
- Haerendel, G.: Chromospheric Evaporation via Alfvén Waves, contributed talk, NSO Workshop # 25 on 'Chromospheric Structure and Dynamics', Sunspot NM, USA, September 2009.
- Haerendel, G.: Fundamental issues of auroral arc formation, invited talk, AGU Fall Meeting, San Francisco, USA, December 2009.
- Haerendel, G.: How the Convection is driven in the Magnetosphere, invited talk, International Symposium on 'The Nonlinear Magnetosphere', Viña del Mar, Chile, January 2009.
- Haerendel, G.: On the Potential Role of Alfvén Waves for Chromospheric Evaporation, colloquium, Space Sciences Laboratory, University of California, Berkeley, USA, April 2009.
- Haerendel, G.: On the Potential Role of Alfvén Waves for Chromospheric Evaporation, colloquium, Lockheed-Martin Solar Astrophysics Laboratory, Palo Alto, Chile, April 2009.
- Haerendel, G.: Small-scale Auroral Structures, contributed talk, ISSI Team Meeting on 'Auroral Small-and Meso-Scale Structures, Origin and Function', ISSI Bern, Switzerland, March 2009.
- Haerendel, G.: The Poleward Arcs and the Inner Edge of the Plasma Sheet during Substorms, colloquium, University of California, Los Angeles, USA, April 2009.
- Haerendel, G.: The Poleward Arcs and the Inner Edge of the Plasma Sheet during Substorms", colloquium, University of California, Berkeley, USA, April 2009.
- Haerendel, G.: On the Downflows in Hedgerow Prominences, contributed talk, AGU Fall Meeting, San Francisco, USA, December 2009.

- Henze, M.: The first two transient supersoft X-ray sources in M 31 globular clusters and the connection to classical novae, contributed talk, The 14th North American Workshop on Cataclysmic Variables and Related Objects, University of Arizona, Tucson, USA, March 2009.
- Herrmann, S.: ASTEROID and VELA two ASICs for source and drain readout of DEPFET detectors for space applications, contributed talk, 7th International Meeting on Front-End Electronics, Montauk, USA, May 2009.
- Hicks, E.K.S.: High-z Galaxy Kinematics and Star Formation, invited talk, American Astronomical Society, Pasadena, California, USA, June 2009.
- Hicks, E.K.S.: The Nuclear Environments of Seyfert Galaxies, contributed talk, Physics of Galactic Nuclei, Ringberg Castle, Germany, June 2009.
- Isbary, G.: Safe low temperature argon plasma to decrease bacterial load on chronic wounds, contributed talk, 2nd International Conference on Plasma Medicine ICPM-II, San Antonio, USA, March 2009.
- Ivlev, A.: Charge-induced effects in complex (dusty) plasmas, colloquium, Institut d'Astrophysique Spatiale, Orsay, France, September 2009.
- Ivlev, A.: Electrorheological Complex Plasmas, invited talk, 36th IEEE International Conference on Plasma Science, San Diego, USA, June 2009.
- Ivlev, A.: Equilibrium and nonequilibrium phase transitions in binary complex plasmas, colloquium, University of Naples, Italy, June 2009.
- Ivlev, A.: Fluid phase transitions in binary complex plasmas, contributed talk, 12th Workshop on the Physics of Dusty Plasmas, Boulder, USA, May 2009.
- Jiang, K.: Controlled particle transport in a CCP RF Plasma chamber with striped electrode, contributed talk, 12th Workshop of the Physics of Dusty Plasmas, Boulder, USA, May 2009.
- Jiang, K.: Molecular dynamic simulation for particle removal experiments in a RF Plasma chamber with striped electrode, contributed talk, DSDP Workshop, Kiel, Germany, September 2009.
- Johnson, J. L.: Population III Star Clusters in the Reionized Universe, contributed talk, First Stars Science workshop, at Institute of Theoretical Astrophysics, University of Heidelberg, Germany, October 2009.
- Kanbach, G.: A Frontier and Challenge in Gamma-Ray Astronomy: The MeV Range, colloquium, Advanced Instrumentation Seminar, SLAC, Stanford University, Palo Alto, USA, September 2009.
- Kanbach, G.: Beyond the SWIFT/INTEGRAL and FERMI-LAT era: Classical MeV sources and experimental approach, contributed talk, ISAS Joint Gamma-Ray Mission Meeting 2009, Tokyo, Japan, February 2009.
- Kanbach, G.: Current Results from the Fermi Gamma-Ray Space Telescope, colloquium, University of Crete, Physics Department, Heraklion, Greece, June 2009.
- Kanbach, G.: Deciphering Pulsar Physics from High Energy Gamma-rays, invited talk, Integral workshop 'The Extreme sky: Sampling the Universe above 10 keV', Otranto, Italy, October 2009.
- Kanbach, G.: High Energy Pulsars: their role in astrophysics, multi-wavelength aspects, and implications for pulsar theory, invited talk, 7th AGILE Workshop, Frascati, Italy, September 2009.
- Kanbach, G.: Nuclear Deexcitation Lines and The Origin of sub-relativistic Cosmic Rays, invited talk, Fermi Symposium, Washington, USA, November 2009.
- Kanbach, G.: Pulsar Observations with the Fermi Large Area Telescope, contributed talk, Aspen 2009 Winter Conference on Astrophysics: "Thirty Years of Magnetars: New Frontiers", Aspen, USA, February 2009.
- Kanbach, G.: Tales of two Neutron Stars: Polarization of the Crab pulsar and Outbursts of the first optical magnetar Swift J1955+26, contributed talk, Aspen 2009 Winter Conference on Astrophysics: 'Thirty Years of Magnetars: New Frontiers', Aspen, USA, February 2009.
- Khochfar, S.: Cold Flows Driven Galaxy Properties at High-z, invited talk, UC Santa Cruz, USA, August 2009.
- Khochfar, S.: Merger Driven Galaxy Evolution, colloquium, Naval Science Institute Wahington DC, USA, April 2009.
- Khochfar, S.: The High-z Universe, colloquium, SISSA, Trieste, Italy, March 2009.
- Khochfar, S.: The Universe Beyond $z=2$, invited talk, CFA Harvard, Napa Valley, USA, February 2009.
- Khrapak, S.A.: Influence of a polarization force on dust acoustic waves, contributed talk, PK-3 Plus Symposium, Garching, Germany, October 2009.
- Khrapak, S.A.: Interparticle interactions in complex (dusty) plasmas, contributed talk, Soft Matter and Materials Physics in Space, Ringberg, Germany, September 2009.
- Khrapak, S.A.: On the charging of particles in plasmas, invited talk, 10th IPELS Workshop, Djuronaset, Sweden, June 2009.
- Khrapak, S.A.: Physics of ion-particle collisions and the ion drag force in complex plasmas, invited talk, International Symposium on Cutting Edge Plasma Physics, Trieste, Italy, August 2009.
- Khrapak, S.A.: Predicting crystallization in "real" complex (dusty) plasmas, invited talk, 10th Workshop on Fine Particle Plasmas, Toki, Japan, November 2009.
- Khrapak, S.A.: Recent progress in the theory of complex (dusty) plasmas, colloquium, Yokohama University, Japan, November 2009.
- Kimmel, N.: Experimental and theoretical study of the signal electron motion in fully depleted silicon, contributed talk, 11th European Symposium on Semiconductor Detectors, Wildbad Kreuth, Germany, June 2009.
- Kimmel, N.J.: Experimental and theoretical study of the signal electron motion in fully depleted silicon, contributed talk, 11th European Symposium on Semiconductor Detectors, Wildbad Kreuth, Germany, June 2009.

- Klecker, B., et al: Multi-spacecraft observations: potential applications for 3D propagation modelling, contributed talk, ISSI Team Meeting on "Transport of Energetic Particles in the Inner Heliosphere", ISSI Bern, Switzerland, September 2009.
- Klecker, B., et al: Observation of high ionic charge states of iron at suprathermal energies, contributed talk, 31st Intern. Cosmic Ray Conf., Łódź, Poland, July 2009.
- Klecker, B.: Das Reich der Sonne - unsere kosmische Heimat, public talk, Tag der offenen Tür, MPE, October 2009.
- Klecker, B.: High ionic charge states of iron at suprathermal energies: a tracer for local acceleration of ICME-related solar wind, contributed talk, SOHO-22 / STEREO-3 Workshop, Bournemouth, UK, April 2009.
- Klecker, B.: Multi-spacecraft observations of SEPs: Applications for 3D Propagation Modelling, contributed talk, STEREO Science Working Group Meeting #20, Meredith, NH, USA, October 2009.
- Klecker, B.: Pickup helium observations with STEREO PLASTIC A & B, contributed talk, STEREO Science Working Group #19, Pasadena, USA, February 2009.
- Klecker, B.: Pickup helium observations with STEREO PLASTIC A & B, contributed talk, CELIAS/SOHO and PLASTIC/STEREO Workshop, Concord, NH, USA, April 2009.
- Klecker, B.: PLASTIC / STEREO in-flight efficiency: using single rates to infer efficiencies for He, contributed talk, CELIAS/SOHO and PLASTIC/STEREO Workshop, Concord, NH, USA, April 2009.
- Komossa, S.: Cosmological Evolution of Supermassive Black Holes, invited talk, Physics of Galactic Nuclei, Ringberg, Germany, June 2009.
- Komossa, S.: Electromagnetic Signatures of Binaries and Recoiling Black Holes, invited talk, Massive Black Hole Binaries and their Coalescence in Galactic Nuclei, Kavli Institute for Astronomy and Astrophysics, Beijing University, China, July 2009.
- Komossa, S.: Evolution of SMBHs across Cosmic History, invited talk, National Astronomical Observatories Beijing, China, July 2009.
- Komossa, S.: Highly Accreting Actives Galaxies, Giant Flares, and Superkicks, colloquium, Institute of Astronomy, University of Sydney, Australia, March 2009.
- Komossa, S.: Hunting Supermassive Black Holes - a Journey through the Universe, colloquium, Shandong University, Weihai, Weihai, China, July 2009.
- Komossa, S.: Im Weltall lauern Schwarze Löcher überall. Schwarzen Löchern in Galaxienkernen auf der Spur, public talk, Vortragsreihe Physik. Max-Planck-Gymnasium Böblingen, Germany, July 2009.
- Komossa, S.: Implications of Gravitational Wave Recoil for Unified Models of AGN, contributed talk, AGN Mini-workshop, Garching, Germany, January 2009.
- Komossa, S.: Massive Black Holes Near and Far - a Journey through Space and Time, public talk, National Astronomical Observatories Beijing, China, July 2009.
- Komossa, S.: Observational Signatures of Recoiling Black Holes, and Consequences for Unified Models of AGN, contributed talk, IAU General Assembly, IAU Symposium 267: Evolution of Galaxies and Central Black Holes - Feeding and Feedback, Rio de Janeiro, Brazil, August 2009.
- Komossa, S.: Observing the Sites of Massive Binaries and Recoiling Black Holes - Electromagnetic Signatures, invited talk, Matter and Electromagnetic Fields in Strong Gravity. University of Maryland, USA, August 2009.
- Konopka, U.: Complex plasma experiments performed in the newly designed "PlasmaLab" discharge chamber, contributed talk, 12th Workshop on the Physics of Dusty Plasmas, Boulder, USA, May 2009.
- Koppenhoefer, J.: Ongoing Planet Searches at MPE, invited talk, RoPACS kick-off meeting, Madrid, Spain, January 2009.
- Koppenhoefer, J.: Spectroscopic follow-up of POTS-C1 & WTS lightcurve analysis, invited talk, RoPACS annual network workshop, La Laguna, Tenerife, Spain, November 2009.
- Koppenhoefer, J.: The OmegaCam Transit Survey, contributed talk, Jenam 2009 - European Week of Astronomy and Space Science, Hatfield, UK, April 2009.
- Krause, M.: Galaxy clusters, Jets & Magnetic Fields, colloquium, MPI für Radioastronomie, Bonn, Germany, March 2009.
- Krause, M.: Radiation pressure and turbulence in AGN tori, contributed talk, Physics of Galactic Nuclei, Ringberg, Germany, June 2009.
- Krause, M.: Radiation pressure and turbulence near active galactic nuclei, contributed talk, Annual Fall Meeting of the Astronomische Gesellschaft (AG), Potsdam, Germany, September 2009.
- Krause, M.: Schwarze Löcher, public talk, Universe Cluster/Dante Gymnasium, Munich, Germany, November 2009.
- Krause, M.: The power of radio galaxies: interaction with hot & cold gas, invited talk, Powerful Radio Galaxies: Triggering and Feedback, Leiden, The Netherlands, November 2009.
- Kurk, J.: H-alpha emitters in a forming cluster at $z=1.6$ in the GMASS field, contributed talk, Galaxy Clusters in the Early Universe, Pucon, Chile, November 2009.
- Lacerda, P.: TNOs are cool: A Survey of the Transneptunian Region, invited talk, European Week of Astronomy and Space Science (RAS NAM 2009 & EAS JENAM 2009), Hertfordshire, UK, April 2009.
- Lang, M.: Observation of Cosmic Nuclear Gamma-Ray Lines, contributed talk, Nuclear Physics in Astrophysics IV, Frascati, Italy, June 2009.
- Lauf, T.: Performance and spectroscopic behaviour of DePFET Macropixels, contributed talk, European Sympos-

- sium on Semiconductor Detectors, Wildbad Kreuth, Germany, June 2009.
- Lauf, T.: Performance and spectroscopic behaviour of DePFET Macropixels, contributed talk, IEEE Nuclear Science Symposium, Orlando, USA, October 2009.
- Lauf, T.: Performance of the DEPFET Macropixel based focal plane detectors for the MIXS instrument on BepiColombo, contributed talk, IEEE Nuclear Science Symposium, Orlando, USA, October 2009.
- Li, Y.: Dust removal in radio-frequency plasmas by a travelling potential modulation, contributed talk, Plasmas in the Laboratory and in the Universe: interactions, patterns, and turbulence, Como, Italy, December 2009.
- Lutz, D.: First Results from PACS deep surveys, invited talk, Herschel SDP workshop, Madrid, Spain, December 2009.
- Meidinger, N.: CCD Detectors for Spectroscopy and Imaging of X-rays with the eROSITA Space Telescope, contributed talk, SPIE optics & photonics, San Diego, USA, August 2009.
- Meidinger, N.: Development of the focal plane PNCCD camera system for the X-ray space telescope eROSITA, contributed talk, 11th European Symposium on Semiconductor Detectors, Wildbad Kreuth, Germany, June 2009.
- Meidinger, N.: Irradiation experiments of MPI HLL, colloquium, Maier-Leibnitz-Laboratorium der Universität München und der Technischen Universität München, Garching, Germany, January 2009.
- Meidinger, N.: Irradiation of satellite-based detectors, public talk, MLL Tandem Science Day, Garching, Germany, May 2009.
- Merloni, A.: 'A synthetic view of AGN evolution and supermassive black holes growth', invited talk, 'Accretion and ejection in AGN: A global view', Como, Italy, June 2009.
- Merloni, A.: 'A synthetic view of AGN evolution and Supermassive black holes growth', invited talk, "Powerful radio galaxies: triggering and feedback", Leiden, The Netherlands, November 2009.
- Merloni, A.: 'How did Supermassive black holes grow? Downsizing, feedback and co-evolution with the host galaxies', colloquium, INAF- Observatory of Brera and Merate, Merate, Italy, October 2009.
- Merloni, A.: 'On the redshift evolution of the BH-galaxy scaling relations: new results from the zCOSMOS survey', colloquium, Institute of Astronomy, Cambridge, Cambridge, United Kingdom, November 2009.
- Merloni, A.: Where the Wild Things Are: Observational Constraints on Black Holes' Growth and Energy Release, invited talk, 'The Monsters Fiery Breath: Feedback in galaxies, groups, and clusters', Madison, WI, USA, June 2009.
- Mihatsch, S.: Exploring the Parameter Space of a Spatio-Temporal Coupled System, contributed talk, MPE Workshop Medical Physics, Ringberg, Germany, October 2009.
- Monetti, R.: Analysing filter-pad images for the assessment of bacterial load, contributed talk, MPE Workshop on Medical Physics, Ringberg, Germany, October 2009.
- Monetti, R.: Assessing the degree of synchronization in time series using symbolic representations, contributed talk, ICCSA 2009, The 3rd International Conference on Complex Systems and Applications, Le Havre, France, June/July 2009.
- Monetti, R.: Quantifying Bone Strength using Scaling Indices, Minkowski Functionals and their Combination, contributed talk, MPE Workshop on Medical Physics, Ringberg, Germany, October 2009.
- Morfill G.: The Munich Plasma Medicine Project: Result and Current Status, invited talk, 2nd Int. Conf. on Plasma Medicine, San Antonio, USA, March 2009.
- Morfill G.: Dusty Plasmas – an old new subject, invited talk, Workshop on the Physics of Dusty Plasmas, Boulder, USA, May 2009.
- Morfill G.: Complex Plasmas – New Developments, invited talk, European Physical Society, Sofia, Bulgaria, July 2009.
- Morfill G.: Strong coupling phenomena at the particle level – Observations under Microgravity, invited talk, ELGRA 2009 Biannual Symposium, Bonn, September 2009.
- Morfill G.: Complex Plasmas – Probing Strong Coupling Phenomena at the most Elementary Level, invited talk, PNP 13, Chernogolovka, Russia, September 2009.
- Morfill G.: Study of Critical Phenomena with Complex Plasmas, invited talk, Int. Conf. On Plasmas in the Laboratory and the Universe, Como, Italy, December 2009.
- Müller, T.G.: Kleinplaneten in unserem Sonnensystem: Die Welt jenseits der Planeten. Oder: Warum Ceres und Pluto keine richtigen Planeten sind, public talk, Erich-Regener-Vortragsreihe, MPS, Lindau, Germany, January 2009.
- Müller, T.G.: Thermophysical properties of 162173 (1999 JU3) and 4015 Wilson-Harrington based on the experience from 25143 Itokawa, contributed talk, International Symposium Marco Polo and other Small Body Sample Return Missions, Paris, France, May 2009.
- Müller, T.G.: TNOs are cool: A Survey of the Transneptunian Region, contributed talk, Herschel Science Demonstration Phase Initial Results Workshop, Madrid, Spain, December 2009.
- Müller, T.G.: Was gibt es Neues im Sonnensystem? Infrarotastronomie & Herschel, public talk, Walther-Rathenau-Gymnasium, Schweinfurt, Germany, November 2009.
- Müller, T.G.: Was gibt es Neues im Sonnensystem?, public talk, Realschule Neubiberg, Germany, July 2009.
- Müller, T.G.: Was gibt es Neues im Sonnensystem?, public talk, Tag der offenen Tür am MPE, Garching, Germany, October 2009.
- Nasiroglu, I.: OPTIMA (Optical Pulsar Timing Analyzer) Observations, contributed talk, 3rd Astrophysics of Neutron Stars Workshop, Istanbul, TURKEY, September 2009.

- Nosenko, T.: Designing 'plasma cocktail' for chronic wound disinfection, contributed talk, 2nd International Conference on Plasma Medicine ICPM-II, San Antonio, USA, March 2009.
- Nosenko, T.: Plasma-Generated Ultraviolet Radiation and Its Effects on Human Cells, contributed talk, Plasma-Tissue Interactions, Greifswald, Germany, February 2009.
- Nosenko, V.: New mechanism of cluster rotation in complex (dusty) plasmas, contributed talk, 36th International Conference on Plasma Science, San Diego, California, USA, May/June 2009.
- Nosenko, V.: New method of particle manipulation by rotating electric fields in complex (dusty) plasmas, contributed talk, 1 March 2010 10th Workshop on Fine Particle Plasmas, Toki, Japan, November 2009.
- Nosenko, V.: Observation of frequency cutoff for self-excited dust acoustic waves, contributed talk, 51st Annual Meeting of the Division of Plasma Physics of the American Physical Society, Atlanta, Georgia, USA, November 2009.
- Nosenko, V.: Rotating electric fields in complex (dusty) plasmas, contributed talk, 12th Workshop on the Physics of Dusty Plasmas, Boulder, Colorado, USA, May 2009.
- Nowak, N.: Black holes in the pseudobulges NGC 3368 and NGC 3489, contributed talk, Kick-off meeting for the third period of the SPP 1177, Bad Honnef, Germany, May 2009.
- Noyola, E.: Intermediate mass black holes in star clusters: are they there?, colloquium, ESO, Santiago, Chile, June 2009.
- Noyola, E.: Intermediate mass black holes in star clusters: are they there?, colloquium, University of Bologna, Italy, April 2009.
- Noyola, E.: Intermediate mass black holes in star clusters: are they there?, colloquium, University of Central Lancashire, Preston, UK, May 2009.
- Noyola, E.: Internal Kinematics for the Globular Cluster M54., invited talk, Formation and Evolution of Globular Clusters, KITP, Santa Barbara, USA, January 2009.
- Noyola, E.: Kinematical evidence for an intermediate-mass black hole in M54, contributed talk, Joint Subaru/Gemini Science Conference, Kyoto, Japan, May 2009.
- Ott, T.: Das schwarze Loch im Zentrum unserer Milchstrasse, public talk, Einstein-Tag Jena, Germany, September 2009.
- Phleps, S.: An MoU between the PS1 Science Consortium and the Planck Science Team, invited talk, Pan-STARRS Science Consortium Meeting, Boston, USA, August 2009.
- Phleps, S.: Cosmology with the Sloan Digital Sky Survey III - BOSS: Baryon Oscillation Spectroscopic Survey, invited talk, SDSS-III Collaboration Meeting 2009, Princeton, USA, June 2009.
- Pierini, D.: Dust at low and high redshifts, invited talk, MPE GRB Science Day, Garching, Germany, May 2009.
- Pierini, D.: Emission properties of (interstellar) dust, invited talk, International workshop on 'Current problems in extragalactic dust', Copenhagen, Denmark, June 2009.
- Pietsch, W.: X-ray emission from optical novae in M 31, invited talk, Supersoft X-ray sources - new developments, Madrid, Spain, May 2009.
- Poglitsch, A.: Herschel - Europas neues Weltraumteleskop für das kalte Universum, colloquium, Physikalisches Institut Universität Marburg, Germany, November 2009.
- Poglitsch, A.: Herschel - Europas neues Weltraumteleskop für das kalte Universum, colloquium, Raumfahrttechnik TU München, Garching, Germany, November 2009.
- Poglitsch, A.: Herschel - Europas neues Weltraumteleskop, public talk, Sternwarte Winzer, Niederaltaich, Germany, October 2009.
- Poglitsch, A.: Herschel/PACS Status and Performance, invited talk, Herschel Science Demonstration Phase Initial Results Workshop, Boadilla del Monte, Spain, December 2009.
- Poglitsch, A.: Initial Results with Herschel/PACS, public talk, ESA Press Conference, Villafranca, Spain, December 2009.
- Poglitsch, A.: The Herschel Space Observatory, invited talk, Deutscher Luft- und Raumfahrtkongress, Aachen, Germany, September 2009.
- Porro, M.: ASTEROID: a 64 Channel ASIC for Source Follower Readout of DEPFET Arrays for X-Ray Astronomy, contributed talk, Frontier Detectors for Frontier Physics, Isola d'Elba, Italy, May 2009.
- Porro, M.: DEPFET Sensor with Signal Compression: a Large Format X-ray Imager with Mega-Frame Readout Capability for the European XFEL Detector concept and readout electronics, contributed talk, 7th International Meeting on Front-End Electronics, Montauk, USA, April 2009.
- Porro, M.: DEPFET Sensor with Signal Compression: a Large Format X-ray Imager with Mega-Frame Readout Capability for the European XFEL, contributed talk, 11th European Symposium on Semiconductor Detectors, Wildbad Kreuth, Germany, June 2009.
- Pustyl'nik, M.: Effect of high-voltage nanosecond pulses on the dust particles in complex plasmas, contributed talk, 8th Workshop on Frontiers in Low Temperature Plasma Diagnostics, Blansko, Czech Republic, April 2009.
- Pustyl'nik, M.: Effect of the levitating microparticle cloud on radiofrequency argon plasma, contributed talk, Plasmas in the Laboratory and in the Universe: Interactions, Patterns, and Turbulence, Como, Italy, December 2009.
- Rabien, S.: ARGOS the LBT Laser AO Facility, contributed talk, AO for ELT, Paris, France, June 2009.
- Räth, C.: Assessing and Selecting Texture Measures for Quantifying the Trabecular Bone Using Surrogates, invited talk, MPE Workshop on Medical Physics, Ringberg, Germany, October 2009.

- Räth, C.: Comparing the sensitivity of wavelets, Minkowski functionals and scaling indices to higher order correlations in MR images of the trabecular bone using surrogates, contributed talk, SPIE Conference on Medical Imaging, Orlando, USA, February 2009.
- Räth, C.: Probing scale dependent non-Gaussianities using surrogates, invited talk, MPE workshop on new paths in studies of galaxy clusters, Oberstdorf, Germany, September 2009.
- Räth, C.: Quantitative characterisation of complex structures using nonlinear methods, invited talk, AMGEN GmbH, Munich, Germany, March 2009.
- Räth, C.: Role of trabecular microfractures in failure of human vertebrae estimated by the finite element method, contributed talk, SPIE Conference on Medical Imaging, Orlando, USA, February 2009.
- Rovilos, M.: The Lockman Hole multi-wavelength survey, contributed talk, The 9th Hellenic Astronomical Conference, Athens, Greece, September 2009.
- Saglia, R.: The SINFONI Black Hole Survey, colloquium, Accademia dei Lincei, Rome, Italy, April 2009.
- Saglia, R.: The SINFONI Black Hole Survey, invited talk, Jenam 2009, "The local volume: constraints on galaxy formation and evolution", Hatfield, UK, April 2009.
- Saintonge, A.: Tracing dusty star formation through redshift and environment with Spitzer/MIPS imaging, colloquium, Observatoire de Sauverny, Geneva, Switzerland, March 2009.
- Saintonge, A.: Tracing dusty star formation through redshift and environment with Spitzer/MIPS imaging, contributed talk, National Radio Astronomy Observatory, Socorro, NM, USA, February 2009.
- Saintonge, A.: Tracing dusty star formation through redshift and environment with Spitzer/MIPS imaging, contributed talk, Texas A&M University, College Station, TX, USA, February 2009.
- Sanchez, A.: Cosmological parameter constraints from SDSS luminous red galaxies: a new treatment of large scale structure, contributed talk, MPE science coffee highlight talk, Garching, Germany, November 2009.
- Sanchez, A.: Cosmological parameters constraints from the full shape of the two-point correlation function, contributed talk, Excellence cluster Research Area E Science, Garching, Germany, November 2009.
- Sanchez, A.: Cosmological parameters from the SDSS-DR6 LRG correlation function, contributed talk, Annual Fall meeting of the Astronomical Society, Potsdam, Germany, September 2009.
- Schartmann, M.: Models of gas and dust tori in Seyfert Galaxies, colloquium, Astronomical Colloquium, Kiel, Germany, February 2009.
- Schartmann, M.: Obscuring and feeding supermassive black holes with evolving nuclear star clusters, contributed talk, Physics of Galactic Nuclei, Workshop, Ringberg/Tegernsee, Germany, June 2009.
- Schartmann, M.: Physics of Galactic Nuclei, contributed talk, HLRB Results Workshop, Garching, Germany, December 2009.
- Scholer, M.: Progress in plasma physics by numerical simulation: Collisionless shocks, invited talk, Modern Challenges in Nonlinear Plasma Physics, Thessaloniki, Greece, June 2009.
- Scholer, M.: Shock reformation: Numerical simulations versus Cluster observations, invited talk, ISSI Workshop on High Mach Number Shocks, Bern, Switzerland, April 2009.
- Scholer, M.: What key results on shock dynamics are obtained from numerical simulations?, invited talk, 9th International School for Space Simulations, Versailles, France, July 2009.
- Schwabe, M.: Bubbles, Blobs, and Surface Cusps in Complex Plasmas, contributed talk, 12th Workshop of the Physics of Dusty Plasmas, Boulder, CO, USA, May 2009.
- Schwabe, M.: Bubbles, Blobs, and Surface Cusps in Complex Plasmas, contributed talk, Diagnostics and Simulation of Dusty Plasmas II, Kiel, Germany, September 2009.
- Schwabe, M.: Bubbles, blobs, and surface cusps in fluid complex plasmas, contributed talk, International Workshop on Bubble and Drop Interfaces, Thessaloniki, Greece, September 2009.
- Schwabe, M.: Vom Nutzen der Bibliothek, invited talk, XX-XII. Bibliothekstagung der Max-Planck-Gesellschaft, Garching, Germany, May 2009.
- Shimizu, S.: Synthesis of water ice particles in a plasma chamber, contributed talk, 10th Workshop on Fine Particle Plasmas, Toki, Japan, November 2009.
- Shimizu, T.: Disinfection of wound by low temperature atmospheric plasma, invited talk, The 22nd Symposium on Plasma Science for Materials, Tokyo, Japan, June 2009.
- Shimizu, T.: Small microwave plasma torch for disinfection, contributed talk, Second International Conference on Plasma Medicine, San Antonio, USA, March 2009.
- Sidorenko, I.: Comparison and combination of different methods (FEM, SIM, MF) for description of global and local features of the trabecular bone network, contributed talk, XIth Congress of the International Society of Bone Morphometry (ISBM), Zell am See, Austria, May 2009.
- Sidorenko, I.: Quantifying Bone Strength Using Finite Element Models (FEM), contributed talk, MPE Workshop on Medical Physics, Ringberg, Germany, October 2009.
- Stefanescu, A.: High Time Resolution Astronomy with OPTIMA. Observations of SWIFT "J195509.6+261406", colloquium, Astronomiska Seminariet i Lund, Sweden, May 2009.
- Stefanescu, A.: The IXO Wide-Field Imager, contributed talk, 11th European Symposium on Semiconductor Detectors, Wildbad Kreuth, Germany, June 2009.
- Steinle, H.: Centaurus A at Hard X-rays and Soft Gamma-rays, invited talk, The Many Faces of Centaurus A, Syd-

ney, Australia, June 2009.

Stiele, H.: Supersoft sources in M 31: Comparing the XMM-Newton deep survey, ROSAT and Chandra catalogues, contributed talk, Supersoft X-ray Sources - New Developments, Villafranca del Castillo, Madrid, Spain, May 2009.

Strong, A.: Cosmic-ray studies with GALPROP, invited talk, Testing Astroparticle with the New GeV/TeV Observations, Paris, France, May 2009.

Strong, A.: Galactic diffuse gamma rays: experimental status, invited talk, ENTApP Dark Matter Workshop 2009, CERN, Geneva, Switzerland, February 2009.

Strong, A.: Galactic diffuse gamma-ray emission, invited talk, Gamma-ray diffuse emission meeting in Zürich, ITP, Switzerland, November 2009.

Strong, A.: Interstellar gamma-rays: first large-scale results from Fermi-LAT, contributed talk, 31st International Cosmic Ray Conference, Lodz, Poland, July 2009.

Strong, A.: The cosmic-ray, gamma-ray, synchrotron, B connection in the Galaxy, contributed talk, Ringberg Workshop on UHECR and Magnetic Fields, Ringberg Castle, Germany, February 2009.

Strüder, L.: MPI – HLL Science Projects at the Max-Planck Institut für extraterrestrische Physik, colloquium, Project Review, Munich, Germany, October 2009.

Strüder, L.: PNCCDs for Synchrotron Applications, invited talk, Synchrotron ELETTRA, Trieste, Italy, September 2009.

Strüder, L.: Detector Developments in the MPI Semiconductor Laboratory, contributed talk, MPG-Riken Bilateral Conference, Munich, Germany, January 2009.

Strüder, L.: Detectors for Photon Science, invited talk, ERSF, Grenoble, France, February 2009.

Strüder, L.: First CAMP results – imaging spectroscopy at LCLS, colloquium, SLAC, Stanford, USA, December 2009.

Strüder, L.: German contributions to IXO, contributed talk, workshop at DLR, Bonn, Germany, March 2009.

Strüder, L.: Halbleiterdetektoren – im Himmel und auf Erden, colloquium, Weierstraß Institut für numerische Analysis und Stochastik, Berlin, Germany, November 2009.

Strüder, L.: High Speed Imaging Spectrometers for FLASH, LCLS, SCSS and XFEL, invited talk, Gordon Research Conference, Waterville, USA, August 2009.

Strüder, L.: High Speed X-ray Imagers – from the Infrared to Gamma rays, invited talk, Goddard Space Flight Center, Greenbelt, USA, August 2009.

Strüder, L.: Imaging in Astrophysics, invited talk, 1st Int. Conf. on Frontiers in Diagnostic Technologies (ICFDT), Frascati, Italy, November 2009.

Strüder, L.: IXO's technical readiness level, contributed talk, ESTEC, Noordwijk, Netherlands, March 2009.

Strüder, L.: Micrometeorites impacts on IXO, contributed

talk, IXO Workshop, Cambridge, USA, January 2009.

Strüder, L.: pnCCDs for high speed X-ray imaging at X-ray FELs, invited talk, European XFEL Detector Advisory Committee Meeting, Munich, Germany, October 2009.

Strüder, L.: Siliziumdriftdetektoren – Neue Entwicklungen und interessante Anwendungen, colloquium, Bruker-AXS Kolloquium, Berlin, Germany, June 2009.

Strüder, L.: Single Photon Imaging in the Optical, invited talk, ESO Detector Workshop, Garching, Germany, October 2009.

Strüder, L.: Stray light, count rate capabilities, calibration, and other issues on IXO, contributed talk, IXO Workshop, Cambridge, USA, January 2009.

Strüder, L.: The IXO WFI, HXI and HTRS, invited talk, Suzaku/IXO conference, Otaru, Japan, July 2009.

Strüder, L.: The IXO Wide Field Imager, contributed talk, 1st WFI consortium Meeting, Garching, Germany, June 2009.

Strüder, L.: The Wide Field Imager aboard IXO, invited talk, IXO Workshop, Cambridge, USA, January 2009.

Strüder, L.: XMM-Newton - 10 years after, invited talk, 11th European Symposium on Semiconductor Detectors, Wildbad Kreuth, Germany, June 2009.

Strüder, L.: X-ray imaging and spectroscopy techniques for space missions, colloquium, Imperial College, London, Great Britain, April 2009.

Sturm, E.: First Results from SHINING, invited talk, Herschel SDP Workshop, Madrid, Spain, December 2009.

Sturm, E.: Spitzer spectroscopy of local LIRGs/ULIRGs (QUEST), invited talk, The Space Infrared Telescope for Cosmology & Astrophysics - Revealing the Origins of Planets and Galaxies, Oxford, UK, July 2009.

Sturm, E.: Spitzer's mid-infrared view on dusty galaxy evolution, invited talk, Hunting for the Dark: The Hidden Side of Galaxy Formation, Qawra, Malta, October 2009.

Sütterlin, K.R.: Dissipative Dark Solitons in the PK4 Experiment, contributed talk, ELGRA 2009 Symposium, Bonn, Germany, September 2009.

Sütterlin, K.R.: Non Equilibrium Phase Transition in Binary Complex Plasmas, invited talk, 3rd MPE - UL collaboration meeting on complex and technological plasmas, Liverpool, England, March 2009.

Sütterlin, K.R.: Phase Separation in Complex Plasma. Deriving the Interparticle Potential from Large Scale Particle Behavior, contributed talk, 10th Workshop on Fine Particle Plasmas, Toki, Japan, December 2009.

Sütterlin, K.R.: Structural Analysis Using Minkovsky Functionals, invited talk, Yokohama Complex Plasma Seminar, Yokohama, Japan, December 2009.

Tacconi, L.J.: CO Observations of High-z Galaxies, invited talk, The Origin of Galaxies: Lessons from the Distant Universe, Obergurgl, Austria, December 2009.

Tacconi, L.J.: Dynamics and Evolution of Star Forming

- Galaxies at $z=1-3$, invited talk, ESO Day at JENAM 2009, Hatfield, UK, April 2009.
- Tacconi, L.J.: Dynamics and Evolution of Star Forming Galaxies at $z=1-3$, invited talk, SFR@50: Filling the Cosmos with Stars, Spineto Abbey, Sarteano, Italy, July 2009.
- Tacconi, L.J.: Gas Contents of Star Forming Galaxies from $z=1-3$, invited talk, Napa Galaxy Evolution Workshop, Napa, California, USA, February 2009.
- Tacconi, L.J.: High Gas Fractions in Star Forming Galaxies at $z=1-3$, invited talk, Ringberg Workshop on Gaseous Evolution of Galaxies, Ringberg Castle, Germany, November 2009.
- Tacconi, L.J.: High Gas Fractions in Star Forming Galaxies at $z=1-3$, invited talk, Santa Cruz Galaxy Evolution Workshop 2009, Santa Cruz, California, USA, August 2009.
- Tacconi, L.J.: ISM and Galaxy Evolution - the ALMA View, invited talk, ALMA and ELTs: A Deeper, Finer View of the Universe, ESO, Garching, Germany, March 2009.
- Tacconi, L.J.: Molecular Gas in Galaxies in the $z=1-3$ Star Forming Epoch, invited talk, IRAM 30th Anniversary Celebration, Grenoble, France, September 2009.
- Tacconi, L.J.: Recent Results on $z=1-2$ ('Normal') Star Forming Galaxies, colloquium, Astronomy Department, University of California, Berkeley, USA, February 2009.
- Thoma, M.H.: Dusty Plasmas in Microgravity, invited talk, Diagnostics and Simulation of Dusty Plasmas II, Kiel, Germany, September 2009.
- Thoma, M.H.: Forschen und Leben in der Schwerelosigkeit, public talk, Eröffnungsvortrag der 12. Buchloer Astronomietage, Germany, September 2009.
- Thoma, M.H.: Forschen und Leben in der Schwerelosigkeit, public talk, Liebigschule, Giessen, Germany, November 2009.
- Thoma, M.H.: Physics of the Quark-Gluon Plasma, colloquium, Universität Kiel, Germany, June 2009.
- Thoma, M.H.: Plasma Crystal Experiments in Microgravity, invited talk, ESA Parabolic Flight Symposium, Noordwijk (ESTEC), The Netherlands, October 2009.
- Thoma, M.H.: Recent Complex Plasma Experiments in a DC Discharge, contributed talk, 12th Workshop on the Physics of Dusty Plasmas, Boulder, USA, May 2009.
- Thoma, M.H.: Stringfluids in PK-4, invited talk, Complex Plasma Meeting, University of Liverpool, UK, March 2009.
- Thoma, M.H.: Ultrarelativistic Electron-Positron Plasma, colloquium, University of Barcelona, Spain, February 2009.
- Thomas, H.M.: Complex Plasma Research on the International Space Station, invited talk, 4th China-Germany on Microgravity and Space Life Sciences, Shanghai, China, June 2009.
- Thomas, H.M.: Komplexe Plasmen: Von Plasmaphysik zu interdisziplinärer Forschung, colloquium, ZARM - Center of Applied Space Technology and Microgravity, Bremen, Germany, July 2009.
- Thomas, H.M.: Lane Formation in Driven Binary Complex Plasmas on the ISS, contributed talk, 12th Workshop on the Physics of Dusty Plasmas, Boulder, USA, May 2009.
- Thomas, H.M.: PK-3 Plus – Fundamental Research in Complex Plasmas on the International Space Station, contributed talk, ELGRA Biennial Symposium and General Assembly "In the Footsteps of Columbus", Bonn, Germany, September 2009.
- Thomas, J.: Dark matter density, orbital structure and formation of early-type galaxies, contributed talk, European Week of Astronomy and Space Science, incorporating RAS NAM 2009 and EAS JENAM 2009, Hatfield, UK, April 2009.
- Thomas, J.: Dynamical models of baryonic and dark matter in elliptical galaxies, contributed talk, Unveiling the Mass: Extracting and Interpreting Galaxy Masses, Kingston, Ontario, Canada, June 2009.
- Thomas, J.: Riesige Schwarze Löcher in den Zentren von Galaxien, public talk, Berliner Planetarium und Sternwarte Wilhelm-Foerster, Berlin, Germany, October 2009.
- Thomas, J.: Schwarzschild modelling of elliptical galaxies and their black holes, invited talk, Annual Fall Meeting of the Astronomische Gesellschaft - Deciphering the Universe through Spectroscopy, Potsdam, Germany, September 2009.
- Tiedemann, L.: Röntgenastronomie mit Kleinsatelliten, colloquium, Institut für Raumfahrtssysteme, Stuttgart, Germany, July 2009.
- Treis, J.: DEPFET based Instrumentation for the MIXS Focal Plane on BepiColombo, contributed talk, SPIE optics & photonics, San Diego, USA, August 2009.
- Treis, J.: MIXS on BepiColombo and its DEPFET based Focal Plane Instrumentation, contributed talk, 11th European Symposium on Semiconductor Detectors, Wildbad Kreuth, Germany, June 2009.
- Treis, J.: The DEPFET based Low Energy Detector Array on SIMBOL-X, contributed talk, SPIE optics & photonics, San Diego, USA, August 2009.
- Treis, J.: The Wide Field Imager for the International X-ray Observatory, contributed talk, SPIE optics & photonics, San Diego, USA, August 2009.
- Trümper, J.: Das aufregende Leben der Sterne nach ihrem Tod, public talk, 12. Ingolstädter Astronomietage, Ingolstadt, Germany, January 2009.
- Trümper, J.: Die Entstehung der chemischen Elemente im Kosmos, public talk, Sternfreunde Hamburg-Harburg, Germany, August 2009.
- Trümper, J.: Fallback Disk Models for the Hard X-Ray Emission from AXPs and SGRs, colloquium, University of Heraklion, Kreta/Greece, October 2009.
- Trümper, J.: Franco Pacini 70, invited talk, Workshop on Pulsars in their Diversity, Elba, Italy, June 2009.
- Trümper, J.: Laudatio auf Harald Lesch, public talk, Die

- Nürnberger Astronomische Gesellschaft verleiht die Verdienstmedaille "Bene Merenti De Astronomia Norinbergensi" in der Stufe Gold an Professor Harald Lesch für seine Verdienste als einer der bedeutendsten Wissenschaftsmultiplikatoren Deutschlands, Nürnberg, Germany, January 2009.
- Trümper, J.: Neue Erkenntnisse der Röntgenastronomie - Supernovae und Neutronensterne, invited talk, Jubiläumskongress des Deutschen Vereins zur Förderung des mathematischen und naturwissenschaftlichen Unterrichts (MNU), Regensburg, Germany, April 2009.
- Trümper, J.: Neue Erkenntnisse der Röntgenastronomie - Supernovae und Neutronensterne, invited talk, Tag der Sächsischen Schulastronomie, Dresden, Germany, April 2009.
- Trümper, J.: Pulsars and Isolated Neutron Stars, invited talk, Neutron Star-Gamma Ray Burst Conference, Cairo/Alexandria, Germany, March 2009.
- Trümper, J.: Rüdiger Staubert 70 - Unsere 40 Jahre mit Neutronensterne, invited talk, IAAT-Kolloquium zum 70. Geburtstag von Professor Rüdiger Staubert, Tübingen, Germany, March 2009.
- Trümper, J.: The High Energy Emission of AXPs and SGRs, invited talk, 3rd Astrophysics of Neutron Star Workshop, Istanbul, Turkey, September 2009.
- Trümper, J.: The Physical Properties of Neutron Stars, invited talk, 3rd Astrophysics of Neutron Star Workshop, Istanbul, Turkey, August 2009.
- Trümper, J.: The Physical Properties of Neutron Stars, invited talk, Annual Meeting of the Hellenic Astronomical Society, Athens, Greece, September 2009.
- Trümper, J.: The Physics of Neutron Stars, invited talk, Neutron Star-Gamma Ray Burst Conference, Cairo/Alexandria, Egypt, March 2009.
- van Dishoeck, E.F.: ALMA: a supersharp view on galaxy-, star- and planet-forming regions, invited talk, University of Groningen, The Netherlands, October 2009.
- van Dishoeck, E.F.: Astrochemistry with IRAM, invited talk, To the edge of the Universe: 30 yr IRAM, Grenoble, France, September 2009.
- van Dishoeck, E.F.: Chemistry during star- and planet formation, invited talk, Astrochemistry symposium; 42nd IUPAC congress, Glasgow, UK, August 2009.
- van Dishoeck, E.F.: Chemistry in evolving protoplanetary disks, colloquium, Royal Observatory Edinburgh, UK, April 2009.
- van Dishoeck, E.F.: Chemistry in protostellar and protoplanetary regions, colloquium, Dept. of Astronomy, University of Illinois, Urbana, USA, June 2009.
- van Dishoeck, E.F.: Complex organic molecules in star- and planet-forming regions, invited talk, StScl symposium: The search for life in the Universe, Baltimore, USA, May 2009.
- van Dishoeck, E.F.: Chemistry of protoplanetary disks, invited talk, From circumstellar disks to planetary systems: ESO-MPE-MPA-USM workshop, Garching, Germany, November 2009.
- van Dishoeck, E.F.: Disks and their evolution: future prospects, invited talk, From Disks to planets: learning from starlight, Leiden, The Netherlands, March 2009.
- van Dishoeck, E.F.: Evolving protoplanetary disks, colloquium, Dept. of Astrophysics, Princeton University, USA, May 2009.
- van Dishoeck, E.F.: First results from the WISH key program, contributed talk, Herschel science demonstration phase results workshop, Madrid, Spain, December 2009.
- van Dishoeck, E.F.: From molecules to planets: SACIRR colloquium, colloquium, University of Edinburgh, UK, April 2009.
- van Dishoeck, E.F.: Spitzer lectures: 1. Basic molecular processes; 2. Chemistry in star-forming regions; 3. Chemistry in circumstellar disks, colloquium, Dept. of Astrophysics, Princeton University, USA, May 2009.
- van Dishoeck, E.F.: Star- and planet formation in our Galaxy: ALMA-ELT synergies, invited talk, ALMA and ELTs: a deeper, finer view of the Universe, Garching, Germany, March 2009.
- van Dishoeck, E.F.: Sun-bathing around low-mass protostars: APEX-CHAMP+ observations of high-J CO, invited talk, Submillimeter astrophysics and technology, Pasadena, USA, February 2009.
- van Dishoeck, E.F.: Water and organic molecules in disks: ALMA and IR synergy, invited talk, High angular resolution observations at millimeter wavelengths, Taipei, Taiwan, June 2009.
- Veilleux, S.: Galaxy Mergers, Ultraluminous Infrared Galaxies, and Quasar Activity, colloquium, Astrophysical Institute, Potsdam, Germany, June 2009.
- Veilleux, S.: Galaxy Mergers, Ultraluminous Infrared Galaxies, and Quasar Activity, colloquium, INAF, Istituto di Radioastronomia, Bologna, Italy, June 2009.
- Veilleux, S.: Galaxy Mergers, Ultraluminous Infrared Galaxies, and Quasar Activity, colloquium, MPIfR, Bonn, Germany, June 2009.
- Veilleux, S.: Galaxy Mergers, Ultraluminous Infrared Galaxies, and Quasar Activity, colloquium, Ruhr-Universität, Bochum, Germany, June 2009.
- Veilleux, S.: Galaxy Mergers, Ultraluminous Infrared Galaxies, and Quasar Activity, colloquium, MPIA, Heidelberg, Germany, May 2009.
- Veilleux, S.: Galaxy Mergers, Ultraluminous Infrared Galaxies, and Quasar Activity, colloquium, MPE/MPA/ESO (Munich Joint Astronomy), Garching, Germany, March 2009.
- Ventimiglia, G.: The formation of cD halos: the case of NGC 3311 in the Hydra I cluster, contributed talk, IAU XXVII General Assembly: JD1, Rio de Janeiro, Brazil, August 2009.

- Ventimiglia, G.: The kinematics of intracluster Planetary Nebulae in the Hydra I cluster, contributed talk, IAU XXX-VII General Assembly: JD2, Rio de Janeiro, Brazil, August 2009.
- von Kienlin, A.: Der Himmel im Licht der Gammastrahlen, invited talk, 22. Raumfahrt-Kolloquium, FH-Aachen, Luft- und Raumfahrttechnik, Aachen, Germany, November 2009.
- von Kienlin, A.: GRBs and TGFs observed with FERMI/GBM, invited talk, 7th Agile Meeting & The Bright Gamma-Ray Sky, ESA/ESRIN, Frascati, Italy, October 2009.
- von Kienlin, A.: The FERMI-Gamma-ray Burst Monitor, invited talk, CEA-Saclay, DSM/IRFU/Service d'Astrophysique, Gif sur Yvette, France, October 2009.
- Weidenspointner, G.: An introduction to astronomy, public talk, primary school at the Pfanzeltplatz, Munich, Germany, June 2009
- Wilman, D.J.: A multiscale approach to environment, contributed talk, Hunting for the Dark: The Hidden Side of Galaxy Formation, Qawra, Malta, October 2009.
- Wilman, D.J.: Morphological Composition of $z \sim 0.4$ Groups: The Site of S0 formation?, colloquium, University of Zürich, Switzerland, January 2009.
- Wilman, D.J.: Morphological Composition of $z \sim 0.4$ Groups: The site of S0 formation?, colloquium, CFA, Harvard, Cambridge, USA, August 2009.
- Wilman, D.J.: Morphological Composition of $z \sim 0.4$ Groups: The site of S0 formation?, colloquium, Trieste Observatory, Italy, November 2009.
- Wilman, D.J.: Morphological Composition of $z \sim 0.4$ Groups: The site of S0 formation?, contributed talk, Galaxy Evolution and Environment, Kuala Lumpur, Malaysia, April 2009.
- Wilman, D.J.: The CNOC2 $z \sim 0.4$ Groups Project: The optimal environment for galaxy transformations?, colloquium, University of Durham, UK, July 2009.
- Wörner, L.: New mechanism of rotation of 3D plasma crystals, contributed talk, DSDP Workshop, Kiel, Germany, September 2009.
- Yaroshenko, V.V.: Characteristics of Charged Dust Inferred from the Cassini RPWS Measurements in the Vicinity of Enceladus, contributed talk, 2009 General Assembly of the European Geosciences Union, Vienna, Austria, April 2009.
- Zhdanov, S.: Auto-oscillation patterns in complex plasmas, contributed talk, 2nd Workshop on Diagnostics and Simulation of Dusty Plasmas, Kiel, Germany, September 2009.
- Zhdanov, S.: Auto-Oscillations in Complex Plasmas, contributed talk, 17th International Colloquium on Plasma Processes (CIP 09), Marseille, France, June 2009.
- Zhdanov, S.: Patterns in a complex plasma, contributed talk, PK-3 Plus Symposium 2009+ ITT-Meeting, Garching, Germany, October 2009.
- Zimmermann, J.L.: Plasmamedizin – Neue Möglichkeiten in der Medizin, invited talk, 11. Tagung der Region Südost der Deutschen Dermatologischen Akademie der Münchener Dermatologischen Gesellschaft, Pullach, Germany, December 2009.

Dissertationen

- Kimmel, N.: Analysis of the charge collection process in solid state X-ray detectors. Universität Siegen 2009.
- Koppenhoefer, J.: Searching for extra-solar planets with the transit method. LMU 2009.
- Krühler, T.: Advanced Photometric Studies of Gamma-ray Burst Afterglows. TUM 2009.
- Nowak, N.A.N.: Exploring the relations between bulges and central black holes in unusual galaxies. LMU 2009.
- Schwabe, M.: Dynamical effects in fluid complex plasmas. LMU 2009.

Diplomarbeiten

- Fritz, T.K.: Astrometrie von IRS13E. LMU 2009.
- Heftrich, T.: AGN X-ray photoionized plasma diagnostics with IXO. Goethe-Universität Frankfurt am Main 2009.
- Jankowsky, F.: (Bachelor Thesis) Beobachtungsmethoden und die physikalischen Eigenschaften von extrasolaren Planeten. LMU 2009.
- Mayer, P.: Charakterisierung und Integration eines Wellenfrontensorddetektors für ein Laserleiternsystem (Master Thesis). LMU 2009.
- Ohlendorf, H.: ^{26}Al Gamma-Ray Emission from the Scorpius-Centaurus Association. Universität Würzburg 2009.
- Saez-Cano, G.: ^{26}Al gamma-ray emission and star formation in the Gould Belt. TUM 2009.

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- Becker, W.: X-Ray Emission from Pulsars and Neutron Stars, Neutron Stars and Pulsars. (Ed.) W. Becker. Springer, Berlin Heidelberg, 91-140 (2009).
- Dennerl, K.: X-Rays from Nonmagnetic Planets, ADVANCES IN GEOSCIENCES, Volume 15: Planetary Science (PS). (Eds.) A. Bhardwaj et al., World Scientific, Singapore, 53-74 (2009).
- Fortov, V.E. and G.E. Morfill (Eds.): Complex and Dusty Plasmas: From Laboratory to Space. CRC Press, London, 440 p (2009).
- Fortov, V.E., A.G. Khrapak, V.I. Molotkov, O.F. Petrov, H.M. Thomas, O.S. Vaulina and S.V. Vladimirov: Types of experimental complex plasmas, Complex and Dusty Plasmas: From Laboratory to Space. (Eds.) V.E. Fortov, G.E. Morfill. CRC Press, London, 01-98 (2009).
- Haerendel, G.: Are we alone? Searching for life in the universe and its creation, in "Humans in Outer Space - Interdisciplinary Odysseys" (Ed.) L. Codignola and K.-U. Schrogl, Springer-Verlag, Wien, 22-34 (2009).
- Horanyi, M., O. Havnes and G.E. Morfill: Dusty plasmas in the solar system, Complex and Dusty Plasmas: From Laboratory to Space. (Eds.) V.E. Fortov, G.E. Morfill. CRC Press, London, 291-324 (2009).
- Ivlev, A.V. and S.A. Khrapak: Waves and instabilities, Complex and Dusty Plasmas: From Laboratory to Space. (Eds.) V.E. Fortov, G.E. Morfill. CRC Press, London, 199-238 (2009).
- Ivlev, A.V., G.E. Morfill and S.A. Khrapak: Kinetic studies of fluids and solids with complex plasmas, Complex and Dusty Plasmas: From Laboratory to Space. (Eds.) V.E. Fortov, G.E. Morfill. CRC Press, London, 239-290 (2009).
- Ivlev, A.V.: Particle dynamics, Complex and Dusty Plasmas: From Laboratory to Space. (Eds.) V.E. Fortov, G.E. Morfill. CRC Press, London, 185-198 (2009).
- Khrapak, S.A. and A.V. Ivlev: Basic plasma-particle interactions, Complex and Dusty Plasmas: From Laboratory to Space. (Eds.) V. E. Fortov, G. E. Morfill. CRC Press, London, 99-184 (2009).
- Klecker, B.: Interplanetary Particles and Magnetic Field. In: Landolt-Börnstein, Numerical Data and Functional Relationships, New Series, Volume Astronomy, Astrophysics, Cosmology (Ed.: J. Trümper), Chapter 4.3.6, p 537-559 (2009).
- Trümper, J.E. (Ed.): Landolt-Börnstein Group VI, Volume 4, Astronomy, Astrophysics & Cosmology; Subvolume b: Solar System, 628 p. (2009).
- Trümper, J.E.: Nachruf auf Jürgen Ehlers, Jahrbuch der Bayerischen Akademie der Wissenschaften 2008. (Ed.) J.E. Trümper. 152-154 (2009).
- Vaulina, O.S. and B.A. Klumov: Numerical simulations of complex plasmas, Complex and Dusty Plasmas: From Laboratory to Space. (Eds.) V.E. Fortov, G.E. Morfill. CRC Press, London, 325-384 (2009).
- Vaulina, O.S., O.F. Petrov, V.E. Fortov, A.G. Khrapak and S.A. Khrapak (Eds.): Dusty Plasmas: Experiment and Theory. Fizmatlit, Moscow, 316 p (2009).

Populärwissenschaftliche Publikationen

- Diehl, R. and D.H. Hartmann: Astrophysik im Gammabereich: Die radioaktive Galaxis. In: Geheimnisvoller Kosmos: Astrophysik und Kosmologie im 21. Jahrhundert. (Eds.) T. Bürke, R. Wengenmayr. Wiley-VCH, Weinheim, Germany, 94-100 (2009).
- Gillessen, S.: Als Astronom am Very Large Telescope in Chile. *Astronomie & Raumfahrt* 05/09, 38-42 (2009).
- Gillessen, S.: Das Zentrum der Milchstrasse. *Physik in unserer Zeit* 40, 66-66 (2009).
- Gillessen, S.: Eine Nacht im Zentrum der Milchstraße. *Sterne und Weltraum* Feb 2009, 52-61 (2009).
- Kasper, M., P. Amico, E. Pompei, N. Ageorges, D. Apai, J. Argomedo, N. Kornweibel and C. Lidman: Direct Imaging of Exoplanets and Brown Dwarfs with the VLT: NACO Pupil-stabilised Lyot Coronagraphy at 4 μm . *The Messenger* 137, 08-13 (2009).
- Klecker, B.: Die Physik des erdnahen Weltraums, *Astronomie und Raumfahrt im Unterricht*, Heft 6, p 13-16 (2009).
- Kurk, J., A. Cimatti, E. Daddi, M. Mignoli, M. Bolzonella, L. Pozzetti, P. Cassata, C. Halliday, G. Zamorani, S. Berta, M. Brusa, M. Dickinson, A. Franceschini, G. Rodighiero, P. Rosati and A. Renzini: A VLT Large Programme to Study Galaxies at $z \sim 2$: GMASS - the Galaxy Mass Assembly Ultra-deep Spectroscopic Survey. *The Messenger* 135, 40-44 (2009).
- Poggianti, B., A. Aragón-Salamanca, S. Bamford, F. Barazza, P. Best, D. Clowe, J. Dalcanton, G. DeLucia, V. Desai, R. Finn, C. Halliday, P. Jablonka, O. Johnson, B. Milvang-Jensen, J. Moustakas, S. Noll, N. Nowak, R. Pelló, S. Poirier, G. Rudnick, R. Saglia, P. Sánchez-Blázquez, L. Simard, J. Varela, A. von der Linden, I. Whaley, S. White and D. Zaritsky: The ESO Distant Cluster Sample: Galaxy Evolution and Environment out to $z = 1$. *The Messenger* 136, 54-59 (2009).
- Phleps, S.: Schallwellen in der Ursuppe. *Sterne und Weltraum* 10/2009, 30-39 (2009).
- Schönfelder, V.: Gamma-Astronomie: INTEGRAL entdeckt den Gamma-Himmel. In: Geheimnisvoller Kosmos: Astrophysik und Kosmologie im 21. Jahrhundert. (Eds.) T. Bürke, R. Wengenmayr. Wiley-VCH, Weinheim, Germany, 86-92 (2009).